

HS3 - Global Hawk #872 08/01/13 Science Report

Aircraft: [Global Hawk - AFRC #872](#) ([See full schedule](#))

Date: Thursday, August 1, 2013

Mission: HS3

Mission Location: Dryden

Mission Summary:

AV-6 range flight

Submitted by: Scott Braun on 08/17/13

File:

 [HS3_2_FltRep_2013-08-01_AV-6_DFRCrangeflight.pdf](#)

Related Flight Report:

Global Hawk #872 08/01/13

Flight Number: 872-0111

Payload Configuration: HS3 - TN872 2013 configuration

Nav Data Collected: No

Total Flight Time: 5 hours

Submitted by: Chris Nafel on 08/02/13

Flight Segments:

From:	EAFB	To:	EAFB
Start:	08/01/13 14:00 Z	Finish:	08/01/13 19:01 Z
Flight Time:	5 hours		
Log Number:	13H010	PI:	Marilyn Vasques
Funding Source:	Hal Maring - NASA - SMD - ESD Radiation Science Program		
Purpose of Flight:	Check		
Comments:	CPL, SHIS, and AVAPS are installed on TN872. This flight was for the checkout of the instruments and included 4 sonde deployments over the PIRA and CPL operations above FL550. The stormscope on the aircraft has a new fault that is being studied. This flight included a handoff from the GHOC at DFRC to the GHOC-East, which marked the first time that a Global Hawk aircraft has been controlled from GHOC-EASt.		

Flight Hour Summary:

	13H010
Flight Hours Approved in SOFRS	459.1
Total Used	272.4
Total Remaining	186.7

13H010 Flight Reports

Date	Flt #	Purpose of Flight	Duration	Running Total	Hours Remaining	Miles Flown
08/01/13	872-0111	Check	5	5	454.1	
08/08/13	871-0087	Check	4.6	9.6	449.5	
08/14/13	871-0088	Ferry	10.8	20.4	438.7	
08/16/13	872-0112	Ferry	10.2	30.6	428.5	
08/20/13 - 08/21/13	872-0113	Science	25.1	55.7	403.4	

08/24/13 - 08/25/13	872-0114	Science	24.6	80.3	378.8
08/29/13 - 08/30/13	872-0115	Science	22.6	102.9	356.2
09/03/13 - 09/04/13	871-0089	Science	23.2	126.1	333
09/04/13 - 09/05/13	872-0116	Science	22.9	149	310.1
09/07/13 - 09/08/13	872-0117	Science	23.2	172.2	286.9
09/10/13	871-0090	Science	4.6	176.8	282.3
09/15/13 - 09/16/13	871-0091	Science	22.9	199.7	259.4
09/16/13 - 09/17/13	872-0118	Science	20.6	220.3	238.8
09/17/13	871-0092	Science	4.5	224.8	234.3
09/19/13 - 09/20/13	872-0119	Science	22.7	247.5	211.6
09/25/13 - 09/26/13	871-0093	Science	15.1	262.6	196.5
09/26/13	872-0120	Ferry	9.8	272.4	186.7

Flight Reports began being entered into this system as of 2012 flights. If there were flights flown under an earlier log number the flight reports are not available online.

Page Last Updated: April 22, 2017

Page Editor: Brad Bulger

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